## SEQUENCE LISTING

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<110> Fanger, Gary R.
      Foy, Theresa M.
      Houghton, Raymond L.
      Reed, Steven G.
<120> COMPOSITIONS AND METHODS FOR THE
  THERAPY, DIAGNOSIS AND MONITORING OF BREAST CANCER
<130> 210121.479C1
<140> US
<141> 2001-01-08
<160> 49
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                                                                       180
acctgcacag tgtctggaat cgacctcaat atcgatgcaa tgagctgggt ccgccaggct
ccagggaagg ggctggaatg gatcggaatt attggtactc gtggtggcac atggttcgcg
                                                                       240
                                                                       300
agctgggcga aaggccgatt caccatctcc aaaaccccga ccacagtgga tctgaaaatc
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cccagtccga caaccgagga cacggccacc tatttctgtg ccagtatcta ttctgatagt
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                                                                        300
ctgggcgaaa ggccgattca ccatctccaa aacctcgacc acggtggatc tgaaaatcac
cagtccgaca accgaggaca cggccacgta tttctgtggc agatttcgga ttgctggtga
                                                                        360
                                                                        414
tggtgccttc tggggcccag gcacgctggt caccgtctcc tcagggcaac ctaa
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gaggagtccg ggggtngcct ggtaacgcct gggacacccc tganantcac ctgcacagcc
                                                                        180
tttggatttt ccctcagtag ctggtcaatg agctgggtcc gccaggctcc agggaagggg
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ctqqaatqqa tcqqaatqat tggtattgtt ggtagtggca cataatangc gacctgggcg
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aaaggccgat tcaccatttc caaaaccttg tgaccacggt cgatttgaaa atgaccagtt
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tgacaaccga ggacacggcc acctattttt gtgtcagagg gggtagtttt anttttgcta
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60

120

180

240

300

360 402

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Ile Asn Pro Gln Val Ser Lys Thr Glu Tyr Lys Glu Leu Leu Gln Glu
        35
                             40
Phe Ile Asp Asp Asn Ala Thr Thr Asn Ala Ile Asp Glu Leu Lys Glu
                                             60
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Cys Phe Leu Asn Gln Thr Asp Glu Thr Leu Ser Asn Val Glu Val Phe
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Met Gln Leu Ile Tyr Asp Ser Ser Leu Cys Asp Leu Phe
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Ile Ser Asp Pro Asn Ser His Cys Tyr Ala Gly Ser Gly Cys Pro Leu
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Leu Glu Asn Val Ile Ser Lys
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Gln Glu Phe Ile
            20
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aagttgctga tggtcctcat gctggcggcc ctctcccagc actgctacgc aggctctggc 180
tgccccttat tggagaatgt gatttccaag acaatcaatc cacaagtgtc taagactgaa 240
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Ala Ala Leu Ser Gln His Cys Tyr Ala Gly Ser Gly Cys Pro Leu Leu
Glu Asn Val Ile Ser Lys Thr Ile Asn Pro Gln Val Ser Lys Thr Glu
 65
Tyr Lys Glu Leu Leu Gln Glu Phe Ile Asp Asp Asn Ala Thr Thr Asn
                                      90
Ala Ile Asp Glu Leu Lys Glu Cys Phe Leu Asn Gln Thr Asp Glu Thr
                                                     110
                                 105
            100
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